

**IN THE UNITED STATES DISTRICT COURT  
FOR THE NORTHERN DISTRICT OF OKLAHOMA**

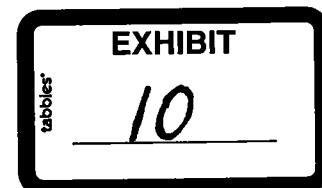
<b>STATE OF OKLAHOMA,</b>	)	
	)	
	)	
<b>Plaintiff,</b>	)	
	)	
<b>v.</b>	)	<b>Case No. 05-cv-329-GKF(PJC)</b>
	)	
<b>TYSON FOODS, INC., et al.,</b>	)	
	)	
<b>Defendants.</b>	)	

**DECLARATION OF J. BERTON FISHER, Ph.D.**

I, J. Berton Fisher, Ph.D., hereby declare as follows:

1. I am a geochemist and geologist with expertise in the transport and fate of materials in the environment. I hold a Ph.D. and M.S. in Earth Sciences from Case Western Reserve University and a B.S. in Geology and Geophysics from Yale University. I am a Certified Professional Geologist, a Registered Professional Geoscientist in the State of Texas and a Registered Professional Geologist in the State of Mississippi. I have published scientific papers regarding technical environmental matters in peer-reviewed publications, and I have given numerous technical presentations regarding environmental matters at scientific meetings. I have worked on the engineering and scientific aspects of numerous environmental litigation, regulatory and transaction matters, including, specifically, environmental matters related to the land disposal of poultry wastes. I have worked professionally as a geochemist and geologist since 1973 and have worked on matters related to agricultural, industrial, petroleum and mining environmental contamination for nearly twenty-five years. My work experience includes consulting, industrial and academic positions. My experience in technical environmental matters includes site investigations, review of site investigation data, analysis of the chemical and physical characteristics of environmental samples, historic research on industrial and agricultural activities and processes, petroleum exploration and production, mining, the environmental chemistry of organic and inorganic contaminants and studies of the fate and transport of organic and inorganic contaminants in soils, sediments and water, including the collection of undisturbed cores of unconsolidated lake sediment and the geochronological analysis of undisturbed cores of unconsolidated lake sediments using natural and anthropogenic radioactive nuclides and paleontological markers.

2. Since 1997 I have worked on matters related to the environmental contamination by poultry wastes, including the chemistry, generation and land disposal of poultry wastes, the identification of poultry waste constituents in the environment, their fate and transport in the environment, the effects of poultry waste contaminants on water quality, and the management of poultry waste land disposal in eastern Oklahoma and western



Arkansas. I have served as a consultant to the Tulsa Metropolitan Utility Authority and the City of Tulsa with respect to poultry waste issues from 1997 to the present.

3. I was retained by the Oklahoma Attorney General, beginning in 2004, to evaluate, provide analysis and advise on matters pertaining to poultry waste generation, poultry waste disposal practices and the fate and transport of land disposed poultry waste.

4. On May 15, 2008, I submitted an Expert Report to the Defendants in the above-captioned litigation.

5. As part of my work in this case, I have reviewed and analyzed ODAFF records and nutrient management plans in Defendants' discovery documents and other indicia of the land disposal of poultry waste in the IRW.

6. Under my direction and supervision, my consulting firm, Lithochimeia, has reviewed and analyzed all available discovery documents which contain soil test phosphorus ("STP") information traceable to Defendants. Specifically, available nutrient management plans and animal waste management plans from within the IRW (Arkansas and Oklahoma) with reported data were reviewed.

7. The attached spreadsheet (Attachment A) contains a true and correct summary of this STP record review. For each field with a reported STP, the spreadsheet indentifies the integrator, the reported STP data, the grower, the location of the field, the Bates number of the record reviewed and the State where the field is located (either Arkansas or Oklahoma). For the purposes of clarification, "Honeysuckle White" as used in the spreadsheet is simply a brand name under Defendant Cargill.

8. Overall, the data is limited as STP data is not always available. Further, the State's Arkansas data was limited to what was provided in discovery by Defendants. Therefore, the spreadsheet only contains STP data for a subset of fields within the IRW which can be linked to a Defendant's operations or Defendant's contract grower operations.

9. Nonetheless, the available data was diverse enough to provide a wide range of STP scores linked to each Defendant from fields located throughout the IRW. There is a total of 411 soil tests that are included in the spreadsheet.

10. Also attached is a map which indicates approximate general locations of fields from the available data with STP levels between 65 lbs/acre and 120 lbs/acre and those in excess 120 lbs/acre.

11. As shown in the spreadsheet, the available soil test data indicates that waste from *each* Defendants' birds has been land applied in the IRW far in excess 120 lbs/acre, let alone 65 lbs/acre. The available STP data also shows that the majority of fields linked to Defendants are in excess of the disposal threshold of 120 lbs/acre. Indeed, many of the

soil tests reflect STP levels in excess of 600 lbs/acre (5 times the disposal threshold), and some are over 1,200 lbs/acre (10 times the disposal threshold).

12. For instance, one field of a Tyson grower tested at 1,529 lbs/acre STP while another Tyson grower's field had an STP of 1,256 lbs/acre. Indeed, soil tests from Tyson's own Research Farm in Springdale have reflected STP levels as high as 726 lbs/acre.

13. Fields on one Cobb-Vantress grower's farm tested at between 747 lbs/acre and 1,001 lbs/acre STP.

14. Available Arkansas soil test data for George's growers ranges from a low of 615 lbs/acre STP to a high of 2,166 lbs/acre STP.

15. One Cargill grower had an STP of 1,424 lbs./acre and another had an STP of 1,063 lbs./acre.

16. The STP for one of Peterson grower's fields was 1,355 lbs/acre; another Peterson grower had a field with an STP of 671 pounds/acre.

17. Simmons grower soil tests results reflect STP levels of 967 lbs/acre and 1,168 lbs/acre.

18. Lastly, Cal-Maine had a grower with an STP of 758 lbs/acre.

19. Investigators working under my direction and supervision made direct observations of poultry waste land disposal in eastern Oklahoma and western Arkansas within the Illinois River Watershed in 2005, 2006 and 2007.

20. Whenever possible, the investigators determined the source of the poultry waste being land disposed by visually tracking the trucks carrying the poultry waste from the poultry barns in which the poultry waste was generated to the location where the poultry waste was land disposed.

21. The attached spreadsheet (Attachment B) contains a true and correct summary of the investigator's observation of poultry waste land disposal in eastern Oklahoma and western Arkansas within the Illinois River Watershed in 2005, 2006 and 2007.

22. As determined by direct observation, poultry wastes generated at farms identified as under contract for Tyson, Simmons, Peterson Farms, Georges and Cargill were land disposed in eastern Oklahoma and western Arkansas within the Illinois River Watershed.

23. Samples of edge of field runoff were collected from locations where poultry waste generated by growers under contract to Defendants Tyson, Simmons and Peterson Farms had been land disposed in eastern Oklahoma and western Arkansas within the Illinois River Watershed.

24. Chemical and bacterial data for edge of field runoff samples collected from locations where poultry waste generated by growers under contract to Defendants Tyson, Simmons and Peterson Farms had been land disposed in eastern Oklahoma and western Arkansas within the Illinois River Watershed.

25 The attached spreadsheet (Attachment C) contains a true and correct summary of chemical and bacterial data for edge of field runoff samples collected from locations where poultry waste generated by growers under contract to Defendants Tyson, Simmons and Peterson Farms had been land disposed in eastern Oklahoma and western Arkansas within the Illinois River Watershed.

26. Edge of field runoff samples collected from locations where poultry waste generated by growers under contract to Defendant Tyson had been land disposed in eastern Oklahoma and western Arkansas within the Illinois River Watershed show high levels of phosphorous, zinc, copper, arsenic, E. coli, Total Coliform, Fecal Coliform and Enterococcus consistent with contamination by poultry waste and/or poultry waste constituents.

27. Edge of field runoff samples collected from locations where poultry waste generated by growers under contract to Defendant Simmons had been land disposed in eastern Oklahoma and western Arkansas within the Illinois River Watershed show high levels of phosphorous, zinc, copper, arsenic, E. coli, Total Coliform, Fecal Coliform and Enterococcus consistent with contamination by poultry waste and/or poultry waste constituents.

28. Edge of field runoff samples collected from locations where poultry waste generated by growers under contract to Defendant Peterson Farms had been land disposed in eastern Oklahoma and western Arkansas within the Illinois River Watershed show high levels of phosphorous, zinc, copper, arsenic, E. coli, Total Coliform, Fecal Coliform and Enterococcus consistent with contamination by poultry waste and/or poultry waste constituents.

I declare on penalty of perjury under the laws of the United States that the foregoing is correct.

Date: 5-27-09



J. Berton Fisher, Ph.D.

INTEGRATOR	ST_P	LAST_NAME	FIRST_NAME	TRS	BATES	STATE
CAL MAINE FOODS	758	MORRIS	DENNIS	19N; 24E; 32	OKDA0013651	OK
CAL MAINE FOODS	542	TOMLINSON	BOB	19N; 25E; 29	OKDA0018790	OK
CAL MAINE FOODS	340	MORRIS	DENNIS	19N; 24E; 32	OKDA0013648	OK
CAL MAINE FOODS	224	HAMPTON	LOIS	19N; 24E; 30	OKDA0005577	OK
CAL MAINE FOODS	218	CHOATE	BOB	17N; 26E; 31	OKDA0018732	OK
CAL MAINE FOODS	162	CHOATE	BOB	17N; 26E; 29	OKDA0018727	OK
CAL MAINE FOODS	143	HAMPTON	LOIS	19N; 24E; 29	OKDA0005534	OK
CAL MAINE FOODS	124	TOMLINSON	BOB	19N; 25E; 29	OKDA0018798	OK
CAL MAINE FOODS	84	CHOATE	BOB	17N; 26E; 31	OKDA0018731	OK
CAL MAINE FOODS	84	CHOATE	BOB	17N; 26E; 31	OKDA0018731	OK
CAL MAINE FOODS	78	TOMLINSON	BOB	19N; 25E; 29	OKDA0018794	OK
COBB-VANTRESS	1001	PARKER	JAMES	16N; 25E; 10	OKDA0014490	OK
COBB-VANTRESS	747	PARKER	JAMES	16N; 25E; 15	OKDA0014492	OK
COBB-VANTRESS	747	PARKER	JAMES	16N; 25E; 15	OKDA0014492	OK
COBB-VANTRESS	417	VAUGHN	RANDY	19N; 25E; 34	OKDA0019688	OK
COBB-VANTRESS	296	JARRETT	HAROL	17N; 26E; 06	OKDA0006818	OK
COBB-VANTRESS	261	PARKER	JAMES	16N; 25E; 15	OKDA0014496	OK
COBB-VANTRESS	151	VAUGHN	RANDY	19N; 25E; 34	OKDA0019686	OK
COBB-VANTRESS	151	VAUGHN	RANDY	19N; 25E; 34	OKDA0019689	OK
COBB-VANTRESS	108	VAUGHN	RANDY	19N; 25E; 34	OKDA0019685	OK
COBB-VANTRESS	108	VAUGHN	RANDY	19N; 25E; 34	OKDA0019685	OK
COBB-VANTRESS	91	ANDERSON	JULIA	20N; 25E; 30	OKDA0088718	OK
GEORGES INC	2166	HARRISON_S	STACY	18N; 31W; 25	2350	AR
GEORGES INC	1689	HARRISON_S	STACY	18N; 31W; 36	2349	AR
GEORGES INC	1213	HARRISON_S	STACY	18N; 31W; 36	2348	AR
GEORGES INC	1093	HARRISON_S	STACY	18N; 31W; 36	2351	AR
GEORGES INC	948	HARRAL	GARY	17N; 29W; 09	7073	AR
GEORGES INC	891	HARRISON	STACEY	18N; 30W; 17	4040	AR
GEORGES INC	770	HARRAL	GARY	17N; 29W; 09	7075	AR
GEORGES INC	760	HARRAL	GARY	17N; 29W; 09	7071	AR
GEORGES INC	700	HARRAL	GARY	17N; 29W; 09	7074	AR
GEORGES INC	672	HARRAL	GARY	17N; 29W; 09	7072	AR
GEORGES INC	657	HARRAL	GARY	17N; 29W; 09	7076	AR
GEORGES INC	615	HARRISON	STACEY	18N; 30W; 17	4041	AR
GEORGES INC	327	REED	RICKY	21N; 24E; 36	OKDA0015236	OK
GEORGES INC	290	REED	RICKY	21N; 24E; 36	OKDA0015235	OK
GEORGES INC	290	REED	RICKY	21N; 24E; 36	OKDA0015235	OK
HONEYSUCKLE WHITE	1424	MASTERS	CLYDE	17N; 25E; 14	OKDA0010121	OK
HONEYSUCKLE WHITE	1424	MASTERS	CLYDE	17N; 25E; 14	OKDA0010121	OK
HONEYSUCKLE WHITE	1063	DOYLE	EARNEST	17N; 25E; 30	OKDA0003084	OK
HONEYSUCKLE WHITE	1063	DOYLE	EARNEST	17N; 25E; 30	OKDA0003084	OK
HONEYSUCKLE WHITE	884	DOYLE	EARNEST	17N; 25E; 30	OKDA0003087	OK
HONEYSUCKLE WHITE	811	DOYLE	EARNEST	17N; 25E; 30	OKDA0003085	OK
HONEYSUCKLE WHITE	735	STEPHENS	GERALD	17N; 25E; 25	OKDA0017618	OK
HONEYSUCKLE WHITE	725	FISHER	GARY	18N; 22E; 02	OKDA0004013	OK
HONEYSUCKLE WHITE	468	MASTERS	CLYDE	17N; 25E; 14	OKDA0010144	OK
HONEYSUCKLE WHITE	380	FISHER	GARY	18N; 22E; 02	OKDA0004012	OK
HONEYSUCKLE WHITE	297	FISHER	GARY	18N; 22E; 02	OKDA0004010	OK
HONEYSUCKLE WHITE	297	FISHER	GARY	18N; 22E; 02	OKDA0004010	OK
HONEYSUCKLE WHITE	195	SCHWABE	ROBERT	19N; 23E; 13	OKDA0016342	OK
HONEYSUCKLE WHITE	162	SCHWABE	ROBERT	19N; 23E; 33	OKDA0016341	OK
HONEYSUCKLE WHITE	156	JENKS	CLINTON	20N; 25E; 05	OKDA0006382	OK
HONEYSUCKLE WHITE	114	JENKS	CLINTON	20N; 25E; 05	OKDA0006386	OK
PETERSON FARMS	1355	LOR	XENG	18N; 33W; 10	PFIRWP-000718	AR
PETERSON FARMS	1111	LOR	XENG	18N; 33W; 10	PFIRWP-000719	AR
PETERSON FARMS	1082	LOR	XENG	18N; 33W; 10	PFIRWP-000717	AR
PETERSON FARMS	671	TYER	VIRGIL	20N; 24E; 31	OKDA0018915	OK
PETERSON FARMS	298	WILLIAMS_T	TOMMY	16N; 32W; 31	PFIRWP-000513	AR
PETERSON FARMS	298	WILLIAMS_T	TOMMY	16N; 32W; 31	PFIRWP-000510	AR
PETERSON FARMS	263	WILLIAMS_T	TOMMY	16N; 32W; 31	PFIRWP-000511	AR

PETERSON FARMS	255	WILLIAMS_T	TOMMY	16N; 32W; 31	PFIRWP-000509	AR
PETERSON FARMS	249	WILLIAMS_T	TOMMY	16N; 32W; 32	PFIRWP-000514	AR
PETERSON FARMS	242	WILLIAMS_T	TOMMY	16N; 32W; 31	PFIRWP-000512	AR
PETERSON FARMS	240	WILLIAMS_T	TOMMY	16N; 32W; 31	PFIRWP-000515	AR
PETERSON FARMS	182	TEAFATILLER	THOMAS	17N; 33W; 35	PFIRWP-060373	AR
PETERSON FARMS	182	XIONG	YAKOBO	17N; 33W; 35	PFIRWP-000580	AR
PETERSON FARMS	179	MCREYNOLDS	DERK	18N; 33W; 27	PFIRWP-000330	AR
PETERSON FARMS	169	TEAFATILLER	THOMAS	16N; 33W; 03	PFIRWP-060377	AR
PETERSON FARMS	148	TEAFATILLER	THOMAS	16N; 33W; 03	PFIRWP-060375	AR
PETERSON FARMS	130	TEAFATILLER	THOMAS	16N; 33W; 03	PFIRWP-060376	AR
PETERSON FARMS	94	TEAFATILLER	THOMAS	17N; 33W; 35	PFIRWP-060374	AR
PETERSON FARMS	94	XIONG	YAKOBO	17N; 33W; 35	PFIRWP-000581	AR
PETERSON FARMS	92	TEAFATILLER	THOMAS	16N; 33W; 03	PFIRWP-060378	AR
<b>SIMMONS FOODS</b>	<b>1168</b>	<b>ENNEKING</b>	<b>JAMES</b>	<b>16N; 26E; 35</b>	<b>OKDA0003605</b>	<b>OK</b>
SIMMONS FOODS	967	&	JIM	17N; 25E; 19	OKDA0003154	OK
SIMMONS FOODS	694	&	JIM	17N; 25E; 19	OKDA0003153	OK
SIMMONS FOODS	694	&	JIM	17N; 25E; 19	OKDA0003153	OK
SIMMONS FOODS	610	BAILEY	VERNON	15N; 26E; 08	OKDA0000749	OK
SIMMONS FOODS	420	VOSS	KURT	20N; 25E; 01	OKDA0019726	OK
SIMMONS FOODS	410	BAILEY	VERNON	18N; 25E; 11	OKDA0000751	OK
SIMMONS FOODS	353	RITCHIE	RANDY	16N; 24E; 04	OKDA0015305	OK
SIMMONS FOODS	269	COLLINS	ROGER	18N; 25E; 16	OKDA0002754	OK
SIMMONS FOODS	248	SNYDER	BILL	17N; 23E; 22	OKDA0017279	OK
SIMMONS FOODS	240	RITTER	JOE	16N; 26E; 35	OKDA0015434	OK
SIMMONS FOODS	206	KENSAY	DON	20N; 25E; 27	OKDA0089208	OK
SIMMONS FOODS	167	KENSAY	DON	20N; 25E; 20	OKDA0089207	OK
SIMMONS FOODS	153	REED	JOEL	20N; 25E; 20	OKDA0089211	OK
SIMMONS FOODS	151	SNYDER	BILL	17N; 23E; 22	OKDA0017289	OK
SIMMONS FOODS	129	REED	JOEL	20N; 25E; 29	OKDA0089209	OK
SIMMONS FOODS	123	MCCRATIE	WM.	20N; 25E; 35	OKDA0010461	OK
SIMMONS FOODS	114	ROSS	PAM	16N; 26E; 09	OKDA0015886	OK
SIMMONS FOODS	114	ROSS	PAM	16N; 26E; 09	OKDA0015886	OK
SIMMONS FOODS	88	ROSS	PAM	16N; 26E; 09	OKDA0015901	OK
SIMMONS FOODS	86	SNYDER	BILL	17N; 23E; 22	OKDA0017288	OK
SIMMONS FOODS	79	LEATHERWOOD	DAVID	16N; 24E; 05	OKDA0015348	OK
<b>TYSON FOODS</b>	<b>1529</b>	<b>PAINE</b>	<b>ED</b>	<b>15N; 33W; 23</b>	<b>TSN60490SOK</b>	<b>AR</b>
TYSON FOODS	1483	PAINE	ED	15N; 33W; 23	TSN60491SOK	AR
TYSON FOODS	1256	WEBB	DEWAYNE	17N; 26E; 09	OKDA0013792	OK
TYSON FOODS	999	GONZALES	ED	18N; 30W; 15	TSN20334SOK	AR
TYSON FOODS	999	GRIFFIN	LINDA	15N; 33W; 17	TSN19810SOK	AR
TYSON FOODS	996	PINKERTON	JODY	17N; 32W; 30	TSN60192SOK	AR
TYSON FOODS	990	PAINE	ED	15N; 33W; 13	TSN60487SOK	AR
TYSON FOODS	911	GRAVES	EDWIN	18N; 31W; 08	TSN20288SOK	AR
TYSON FOODS	857	GONZALES	ED	18N; 30W; 15	TSN20335SOK	AR
TYSON FOODS	799	HUFFAKER	HENRY	15N; 33W; 25	TSN20083SOK	AR
TYSON FOODS	799	PAINE	ED	15N; 33W; 13	TSN60488SOK	AR
TYSON FOODS	740	GUNSAULIS	LENNEN	16N; 33W; 03	TSN20137SOK	AR
TYSON FOODS	740	GUNSAULIS	LENNEN	16N; 33W; 03	TSN20137SOK	AR
TYSON FOODS	726	TYSONS RESEARCH FARM		17N; 30W; 10	TSN18707SOK	AR
TYSON FOODS	725	GRAVES	EDWIN	18N; 31W; 08	TSN20290SOK	AR
TYSON FOODS	717	TYSONS RESEARCH FARM		17N; 30W; 10	TSN18703SOK	AR
TYSON FOODS	717	WEBB	DEWAYNE	17N; 26E; 09	OKDA0013786	OK
TYSON FOODS	713	VAN GORP	DON	13N; 33W; 11	TSN18560SOK	AR
TYSON FOODS	704	WEBB	DEWAYNE	17N; 26E; 09	OKDA0013791	OK
TYSON FOODS	694	PAINE	ED	15N; 33W; 11	TSN60496SOK	AR
TYSON FOODS	677	VAN GORP	DON	13N; 33W; 11	TSN18562SOK	AR
TYSON FOODS	675	ANDERSON	MIKE	15N; 30W; 18	TSN19424SOK	AR
TYSON FOODS	669	ANDERSON	MIKE	15N; 30W; 18	TSN19423SOK	AR
TYSON FOODS	664	HUGHES	CHARLES	15N; 33W; 33	TSN20026SOK	AR
TYSON FOODS	662	TYSONS RESEARCH FARM		17N; 30W; 10	TSN18704SOK	AR
TYSON FOODS	654	GRAVES	EDWIN	18N; 31W; 08	TSN20289SOK	AR
TYSON FOODS	653	ALEWINE	CLIFF	18N; 25E; 02	OKDA0000257	OK

TYSON FOODS	650	LITTLEJOHN	VERLIN	18N; 25E; 33	OKDA0008754	OK
TYSON FOODS	638	GRIFFIN	LINDA	15N; 33W; 17	TSN19809SOK	AR
TYSON FOODS	624	GUNSAULIS	LENNEN	17N; 33W; 36	TSN20156SOK	AR
TYSON FOODS	613	IRWIN	JAMES	18N; 31W; 16	TSN20197SOK	AR
TYSON FOODS	611	WEBB	DEWAYNE	17N; 26E; 09	OKDA0013748	OK
TYSON FOODS	611	WEBB	DEWAYNE	17N; 26E; 09	OKDA0013748	OK
TYSON FOODS	608	LEE	WA	16N; 32W; 07	TSN61891SOK	AR
TYSON FOODS	583	PAINE	ED	15N; 33W; 23	TSN60489SOK	AR
TYSON FOODS	582	POSEY	DON	15N; 30W; 19	TSN18938SOK	AR
TYSON FOODS	567	LEE	WA	16N; 32W; 07	TSN61888SOK	AR
TYSON FOODS	564	LITTLEJOHN	VERLIN	18N; 25E; 29	OKDA0008746	OK
TYSON FOODS	550	ADAIR	SAM	18N; 24E; 13	OKDA0000083	OK
TYSON FOODS	538	COPELAND	GILBERT	14N; 33W; 05	TSN196706SOK	AR
TYSON FOODS	538	COPELAND	GILBERT	14N; 33W; 05	TSN196706SOK	AR
TYSON FOODS	538	COPELAND	GILBERT	14N; 33W; 05	TSN196706SOK	AR
TYSON FOODS	538	COPELAND	GILBERT	14N; 33W; 05	TSN196706SOK	AR
TYSON FOODS	538	COPELAND	GILBERT	14N; 33W; 05	TSN196706SOK	AR
TYSON FOODS	537	COPELAND	GILBERT	14N; 33W; 05	TSN196708SOK	AR
TYSON FOODS	530	PATON	DARRELL	18N; 31W; 24	TSN18847SOK	AR
TYSON FOODS	526	COPELAND	GILBERT	14N; 33W; 05	TSN196707SOK	AR
TYSON FOODS	526	LEE	WA	16N; 32W; 07	TSN61889SOK	AR
TYSON FOODS	524	IRWIN	JAMES	18N; 31W; 16	TSN20198SOK	AR
TYSON FOODS	523	CARTE	DONALD	15N; 33W; 23	TSN20495SOK	AR
TYSON FOODS	515	PAINE	ED	15N; 33W; 11	TSN60497SOK	AR
TYSON FOODS	513	GUNSAULIS	LENNEN	17N; 33W; 36	TSN20157SOK	AR
TYSON FOODS	506	TYSONS RESEARCH FARM		17N; 30W; 10	TSN18708SOK	AR
TYSON FOODS	497	ANDERSON	MIKE	15N; 30W; 19	TSN19427SOK	AR
TYSON FOODS	483	TEAGUE	ROGER	17N; 33W; 28	TSN59977SOK	AR
TYSON FOODS	478	LEE	WA	16N; 32W; 07	TSN61890SOK	AR
TYSON FOODS	474	BOWEN	BRAD	17N; 31W; 27	TSN72030SOK	AR
TYSON FOODS	472	NUBLE	BARNEY	18N; 25E; 22	OKDA0014113	OK
TYSON FOODS	472	PAINE	ED	15N; 33W; 19	TSN60492SOK	AR
TYSON FOODS	465	READING	PAUL	18N; 32W; 19	TSN61817SOK	AR
TYSON FOODS	463	READING	PAUL	18N; 32W; 19	TSN61815SOK	AR
TYSON FOODS	459	GUNSAULIS	LENNEN	16N; 33W; 03	TSN20146SOK	AR
TYSON FOODS	459	GUNSAULIS	LENNEN	16N; 33W; 03	TSN20146SOK	AR
TYSON FOODS	459	GUNSAULIS	LENNEN	16N; 33W; 03	TSN20146SOK	AR
TYSON FOODS	459	GUNSAULIS	LENNEN	16N; 33W; 03	TSN20146SOK	AR
TYSON FOODS	459	GUNSAULIS	LENNEN	16N; 33W; 03	TSN20146SOK	AR
TYSON FOODS	459	GUNSAULIS	LENNEN	16N; 33W; 03	TSN20146SOK	AR
TYSON FOODS	459	GUNSAULIS	LENNEN	16N; 33W; 03	TSN20146SOK	AR
TYSON FOODS	459	GUNSAULIS	LENNEN	16N; 33W; 03	TSN20146SOK	AR
TYSON FOODS	459	GUNSAULIS	LENNEN	16N; 33W; 03	TSN20146SOK	AR
TYSON FOODS	459	GUNSAULIS	LENNEN	16N; 33W; 03	TSN20146SOK	AR
TYSON FOODS	459	GUNSAULIS	LENNEN	16N; 33W; 03	TSN20146SOK	AR
TYSON FOODS	459	GUNSAULIS	LENNEN	16N; 33W; 03	TSN20146SOK	AR
TYSON FOODS	459	GUNSAULIS	LENNEN	16N; 33W; 03	TSN20146SOK	AR
TYSON FOODS	459	GUNSAULIS	LENNEN	16N; 33W; 03	TSN20146SOK	AR
TYSON FOODS	459	GUNSAULIS	LENNEN	16N; 33W; 03	TSN20146SOK	AR
TYSON FOODS	458	ANDERSON	MIKE	15N; 31W; 23	TSN19429SOK	AR
TYSON FOODS	457	ZACCANTI	MIKE	15N; 30W; 18	TSN19422SOK	AR
TYSON FOODS	455	SPARKMAN JR	JACKIE	15N; 32W; 03	TSN19740SOK	AR
TYSON FOODS	455	SPARKMAN SR	JACKIE	15N; 32W; 04	TSN19741SOK	AR
TYSON FOODS	449	PINKERTON	JODY	17N; 32W; 30	TSN60186SOK	AR
TYSON FOODS	448	GUNSAULIS	LENNEN	16N; 33W; 03	TSN20148SOK	AR
TYSON FOODS	448	LITTLEJOHN	VERLIN	18N; 25E; 32	OKDA0008750	OK
TYSON FOODS	446	GUNSAULIS	LENNEN	16N; 33W; 03	TSN20152SOK	AR
TYSON FOODS	444	PINKERTON	JODY	17N; 32W; 30	TSN60187SOK	AR
TYSON FOODS	440	READING	PAUL	18N; 32W; 19	TSN61816SOK	AR
TYSON FOODS	440	ZACCANTI	AL	16N; 33W; 33	TSN19613SOK	AR
TYSON FOODS	439	BARTLETT	COY	17N; 31W; 36	TSN19112SOK	AR
TYSON FOODS	437	BURNS	JACK	19N; 33W; 26	TSN59915SOK	AR
TYSON FOODS	434	PAINE	ED	15N; 33W; 11	TSN60494SOK	AR
TYSON FOODS	430	HUDDLESTON	JOHN	17N; 30W; 30	TSN20104SOK	AR
TYSON FOODS	424	BARKER	HOLLIS	15N; 32W; 30	TSN20578SOK	AR
TYSON FOODS	420	SPARKMAN SR	JACKIE	15N; 32W; 04	TSN19724SOK	AR
TYSON FOODS	419	WEST	RANDY	15N; 31W; 06	TSN18997SOK	AR

TYSON FOODS	419	WEST	RANDY	15N; 31W; 06	TSN18997SOK	AR
TYSON FOODS	419	WEST	RANDY	15N; 31W; 06	TSN18997SOK	AR
TYSON FOODS	419	WEST	RANDY	15N; 31W; 06	TSN18997SOK	AR
TYSON FOODS	419	WEST	RANDY	15N; 31W; 06	TSN18997SOK	AR
TYSON FOODS	419	WEST	RANDY	15N; 31W; 06	TSN18997SOK	AR
TYSON FOODS	419	WEST	RANDY	15N; 31W; 06	TSN18997SOK	AR
TYSON FOODS	419	WEST	RANDY	15N; 31W; 06	TSN18997SOK	AR
TYSON FOODS	419	WEST	RANDY	15N; 31W; 06	TSN18997SOK	AR
TYSON FOODS	419	WEST	RANDY	15N; 31W; 06	TSN18997SOK	AR
TYSON FOODS	419	WEST	RANDY	15N; 31W; 06	TSN18997SOK	AR
TYSON FOODS	419	WEST	RANDY	15N; 31W; 06	TSN18997SOK	AR
TYSON FOODS	419	WEST	RANDY	15N; 31W; 06	TSN18997SOK	AR
TYSON FOODS	419	WEST	RANDY	15N; 31W; 06	TSN18997SOK	AR
TYSON FOODS	419	WEST	RANDY	15N; 31W; 06	TSN18997SOK	AR
TYSON FOODS	419	WEST	RANDY	15N; 31W; 06	TSN18997SOK	AR
TYSON FOODS	419	WEST	RANDY	15N; 31W; 06	TSN18997SOK	AR
TYSON FOODS	419	WEST	RANDY	15N; 31W; 06	TSN18997SOK	AR
TYSON FOODS	419	WEST	RANDY	15N; 31W; 06	TSN18997SOK	AR
TYSON FOODS	419	WEST	RANDY	15N; 31W; 06	TSN18997SOK	AR
TYSON FOODS	417	BURNS	JACK	19N; 33W; 26	TSN59916SOK	AR
TYSON FOODS	416	LEE	WA	16N; 32W; 07	TSN61893SOK	AR
TYSON FOODS	414	BARTLETT	COY	17N; 31W; 36	TSN19113SOK	AR
TYSON FOODS	414	GUNSAULIS	LENNEN	16N; 33W; 03	TSN20147SOK	AR
TYSON FOODS	412	PATON	DARRELL	18N; 31W; 24	TSN18846SOK	AR
TYSON FOODS	410	MAXWELL	MARTY	20N; 25E; 09	OKDA0008408	OK
TYSON FOODS	403	WEBB	DEWAYNE	17N; 26E; 09	OKDA0013789	OK
TYSON FOODS	400	PINKERTON	JODY	17N; 32W; 30	TSN60185SOK	AR
TYSON FOODS	393	POSEY	DON	15N; 30W; 19	TSN18938SOK	AR
TYSON FOODS	389	WEST	RANDY	15N; 31W; 06	TSN18999SOK	AR
TYSON FOODS	386	TYSONS RESEARCH FARM		17N; 30W; 14	TSN18712SOK	AR
TYSON FOODS	377	PATTERSON	LONNIE	16N; 26E; 26	OKDA0014683	OK
TYSON FOODS	375	PAINE	ED	15N; 33W; 11	TSN60498SOK	AR
TYSON FOODS	371	READING	PAUL	18N; 33W; 24	TSN61814SOK	AR
TYSON FOODS	370	BARKER	HOLLIS	15N; 32W; 30	TSN20577SOK	AR
TYSON FOODS	370	GUNSAULIS	LENNEN	16N; 33W; 03	TSN20154SOK	AR
TYSON FOODS	370	TYSONS RESEARCH FARM		17N; 30W; 10	TSN18710SOK	AR
TYSON FOODS	366	CARTE	DONALD	15N; 33W; 26	TSN20496SOK	AR
TYSON FOODS	366	WEBB	DEWAYNE	17N; 26E; 09	OKDA0013787	OK
TYSON FOODS	362	PINKERTON	JODY	17N; 32W; 30	TSN60188SOK	AR
TYSON FOODS	361	HUFFAKER	HENRY	15N; 33W; 25	TSN20084SOK	AR
TYSON FOODS	360	GUNSAULIS	LENNEN	16N; 33W; 03	TSN20136SOK	AR
TYSON FOODS	350	ANDERSON	MIKE	15N; 30W; 19	TSN19426SOK	AR
TYSON FOODS	350	WALDROP	DALE	18N; 25E; 31	OKDA0006702	OK
TYSON FOODS	349	ALEWINE	CLIFF	18N; 25E; 02	OKDA0000255	OK
TYSON FOODS	349	GUNSAULIS	LENNEN	17N; 33W; 36	TSN20155SOK	AR
TYSON FOODS	347	DIXON	WILLIAM	15N; 32W; 10	TSN47947SOK	AR
TYSON FOODS	339	IRWIN	JAMES	18N; 31W; 16	TSN20199SOK	AR
TYSON FOODS	338	TYSONS RESEARCH FARM		17N; 30W; 14	TSN18713SOK	AR
TYSON FOODS	337	ELSEA	LEON	18N; 31W; 14	TSN19300SOK	AR
TYSON FOODS	330	BARTLETT	COY	17N; 31W; 36	TSN19115SOK	AR
TYSON FOODS	330	ZACCANTI	AL	16N; 33W; 34	TSN19612SOK	AR
TYSON FOODS	329	BARKER	HOLLIS	15N; 32W; 30	TSN20576SOK	AR
TYSON FOODS	322	WEST	RANDY	15N; 31W; 06	TSN18994SOK	AR
TYSON FOODS	321	BARKER	HOLLIS	15N; 32W; 30	TSN20580SOK	AR
TYSON FOODS	321	TYSONS RESEARCH FARM		17N; 30W; 10	TSN18706SOK	AR
TYSON FOODS	312	LEE	WA	16N; 32W; 07	TSN61892SOK	AR
TYSON FOODS	310	ANDERSON	MIKE	15N; 31W; 23	TSN19428SOK	AR
TYSON FOODS	307	HUFFAKER	HENRY	15N; 33W; 24	TSN20082SOK	AR
TYSON FOODS	299	PAINE	ED	15N; 33W; 11	TSN60493SOK	AR
TYSON FOODS	293	BARTLETT	COY	17N; 31W; 36	TSN19114SOK	AR
TYSON FOODS	289	WEBB	DEWAYNE	17N; 26E; 09	OKDA0013788	OK
TYSON FOODS	282	LONGSHORE	BOBBY	16N; 24E; 26	OKDA0009051	OK
TYSON FOODS	282	NOBLIN	JUDY	18N; 25E; 09	OKDA0013999	OK
TYSON FOODS	281	SPARKMAN SR	JACKIE	15N; 32W; 04	TSN19739SOK	AR
TYSON FOODS	279	TYSONS RESEARCH FARM		17N; 30W; 10	TSN18705SOK	AR
TYSON FOODS	278	PAINE	ED	15N; 33W; 11	TSN60495SOK	AR
TYSON FOODS	278	PINKERTON	JODY	17N; 32W; 30	TSN60190SOK	AR
TYSON FOODS	278	ZACCANTI	AL	16N; 33W; 33	TSN19620SOK	AR
TYSON FOODS	275	SWEPLSTON	OSCAR	16N; 25E; 02	OKDA0017893	OK
TYSON FOODS	273	GRIFFIN_J	JIM	18N; 32W; 27	TSN60764SOK	AR
TYSON FOODS	272	WEST	RANDY	15N; 31W; 06	TSN18996SOK	AR
TYSON FOODS	270	ALEWINE	CLIFF	18N; 25E; 02	OKDA0000256	OK

TYSON FOODS	265	MCGARRAH	LARRY	20N; 26E; 18	OKDA0010539	OK
TYSON FOODS	265	MCGARRAH	LARRY	20N; 26E; 18	OKDA0010539	OK
TYSON FOODS	263	PATON	DARRELL	18N; 31W; 24	TSN18846SOK	AR
TYSON FOODS	263	READING	PAUL	18N; 33W; 24	TSN61813SOK	AR
TYSON FOODS	246	WEST	RANDY	15N; 31W; 06	TSN19001SOK	AR
TYSON FOODS	243	TEAGUE	ROGER	17N; 33W; 21	TSN59976SOK	AR
TYSON FOODS	238	WEST	RANDY	15N; 31W; 06	TSN18995SOK	AR
TYSON FOODS	237	MULLIN	DARRYL	18N; 24E; 11	OKDA0013849	OK
TYSON FOODS	237	MULLIN	DARRYL	18N; 24E; 11	OKDA0013849	OK
TYSON FOODS	235	PINKERTON	JODY	17N; 32W; 30	TSN60189SOK	AR
TYSON FOODS	233	DIXON_K	KENNETH	17N; 33W; 26	TSN60044SOK	AR
TYSON FOODS	232	LITTLEJOHN	VERLIN	18N; 25E; 33	OKDA0008756	OK
TYSON FOODS	231	STROMBACK	TOM	18N; 26E; 08	OKDA0017841	OK
TYSON FOODS	229	ELSEA	LEON	18N; 31W; 14	TSN19301SOK	AR
TYSON FOODS	229	TYSONS RESEARCH FARM		17N; 30W; 11	TSN18715SOK	AR
TYSON FOODS	226	ENGLISH	LEONARD	17N; 25E; 26	OKDA0018552	OK
TYSON FOODS	220	DIXON_K	KENNETH	17N; 33W; 26	TSN60045SOK	AR
TYSON FOODS	217	WEST	RANDY	15N; 31W; 07	TSN18992SOK	AR
TYSON FOODS	216	BARKER	HOLLIS	15N; 32W; 19	TSN20579SOK	AR
TYSON FOODS	215	SPARKMAN SR	JACKIE	15N; 32W; 03	TSN19742SOK	AR
TYSON FOODS	212	KESTER	DOUG	17N; 25E; 26	OKDA0018518	OK
TYSON FOODS	212	KESTER	DOUG	17N; 25E; 26	OKDA0018518	OK
TYSON FOODS	209	GRIFFIN_J	JIM	18N; 32W; 27	TSN60763SOK	AR
TYSON FOODS	209	KAUFFELD	NORMA	19N; 25E; 04	OKDA0007273	OK
TYSON FOODS	203	CORNELISON	DAVID	17N; 29W; 20	TSN20425SOK	AR
TYSON FOODS	203	DIXON	WILLIAM	15N; 32W; 10	TSN47946SOK	AR
TYSON FOODS	203	WEST	RANDY	15N; 31W; 07	TSN18988SOK	AR
TYSON FOODS	202	WEST	RANDY	15N; 31W; 07	TSN18990SOK	AR
TYSON FOODS	199	ADAIR	SAM	18N; 24E; 14	OKDA0000079	OK
TYSON FOODS	199	WEBB	DEWAYNE	17N; 26E; 09	OKDA0013790	OK
TYSON FOODS	198	KETKOE	KEVIN	19N; 25E; 34	OKDA0007777	OK
TYSON FOODS	193	SPARKMAN JR	JACKIE	15N; 32W; 03	TSN19723SOK	AR
TYSON FOODS	192	REESE	KEITH	18N; 33W; 15	TSN07400SOK	AR
TYSON FOODS	190	WEST	RANDY	15N; 31W; 07	TSN18991SOK	AR
TYSON FOODS	189	MULLIN	DARRYL	18N; 24E; 11	OKDA0013869	OK
TYSON FOODS	179	MASTERS	SANDRA	18N; 25E; 05	OKDA0019847	OK
TYSON FOODS	179	TYSONS RESEARCH FARM		17N; 30W; 10	TSN18714SOK	AR
TYSON FOODS	179	WEST	RANDY	15N; 31W; 07	TSN18993SOK	AR
TYSON FOODS	178	ANDERSON	MIKE	15N; 30W; 19	TSN19425SOK	AR
TYSON FOODS	177	MASTERS	SANDRA	18N; 25E; 05	OKDA0019815	OK
TYSON FOODS	177	MASTERS	SANDRA	18N; 25E; 05	OKDA0019815	OK
TYSON FOODS	172	STRICKLEN	TROY	18N; 25E; 23	OKDA0017756	OK
TYSON FOODS	171	TYSONS RESEARCH FARM		17N; 30W; 10	TSN18709SOK	AR
TYSON FOODS	168	WEST	RANDY	15N; 31W; 07	TSN18989SOK	AR
TYSON FOODS	167	EUBANKS	RANDY	15N; 26E; 08	OKDA0003774	OK
TYSON FOODS	167	EUBANKS	RANDY	15N; 26E; 08	OKDA0003774	OK
TYSON FOODS	165	ENGLISH	LEONARD	17N; 25E; 26	OKDA0018553	OK
TYSON FOODS	165	ZACCANTI	AL	16N; 33W; 34	TSN19604SOK	AR
TYSON FOODS	163	CARTE	JERRY	18N; 25E; 02	OKDA0001832	OK
TYSON FOODS	162	PATTERSON	BOBBY	15N; 31W; 35	TSN18821SOK	AR
TYSON FOODS	162	PATTERSON	BOBBY	15N; 31W; 35	TSN18821SOK	AR
TYSON FOODS	162	PATTERSON	BOBBY	15N; 31W; 35	TSN18821SOK	AR
TYSON FOODS	159	MOUA	THOMAS	16N; 34W; 12	TSN60681SOK	AR
TYSON FOODS	159	MOUA	THOMAS	16N; 34W; 12	TSN60681SOK	AR
TYSON FOODS	159	MOUA	THOMAS	16N; 34W; 12	TSN60681SOK	AR
TYSON FOODS	159	WEST	RANDY	15N; 31W; 06	TSN19003SOK	AR
TYSON FOODS	151	MULLIN	DARRYL	18N; 24E; 11	OKDA0013887	OK
TYSON FOODS	151	PINKERTON	JODY	17N; 32W; 30	TSN60191SOK	AR
TYSON FOODS	150	GRAVES	EDWIN	18N; 31W; 08	TSN20291SOK	AR
TYSON FOODS	150	TEAGUE	ROGER	17N; 33W; 27	TSN59978SOK	AR
TYSON FOODS	149	ZACCANTI	AL	16N; 33W; 33	TSN19619SOK	AR

TYSON FOODS	148	BARKER	HOLLIS	15N; 32W; 30	TSN20575SOK	AR
TYSON FOODS	146	JIMMY	BELL,	19N; 22E; 36	OKDA0001060	OK
TYSON FOODS	146	JIMMY	BELL,	19N; 22E; 36	OKDA0001060	OK
TYSON FOODS	145	KAUFFELD	NORMA	19N; 25E; 04	OKDA0007271	OK
TYSON FOODS	141	REESE	KEITH	18N; 33W; 15	TSN07401SOK	AR
TYSON FOODS	140	PHARR	LARRY	18N; 25E; 04	OKDA0014938	OK
TYSON FOODS	140	TYSONS RESEARCH FARM		17N; 30W; 11	TSN18711SOK	AR
TYSON FOODS	138	WEST	RANDY	15N; 31W; 06	TSN19002SOK	AR
TYSON FOODS	133	SPARKMAN SR	JACKIE	15N; 32W; 03	TSN19743SOK	AR
TYSON FOODS	130	WEST	RANDY	15N; 31W; 06	TSN19000SOK	AR
TYSON FOODS	128	HUMPHREY	ROBERT	18N; 31W; 27	TSN19222SOK	AR
TYSON FOODS	128	WOOD	LOWELL	20N; 24E; 02	OKDA0020813	OK
TYSON FOODS	127	WOOD	LOWELL	20N; 24E; 02	OKDA0020812	OK
TYSON FOODS	127	WOOD	LOWELL	20N; 24E; 02	OKDA0020812	OK
TYSON FOODS	124	DIXON_K	KENNETH	17N; 33W; 27	TSN60046SOK	AR
TYSON FOODS	124	LONGSHORE	BOBBY	16N; 24E; 35	OKDA0009038	OK
TYSON FOODS	122	VAN GORP	DON	13N; 33W; 11	TSN18563SOK	AR
TYSON FOODS	119	BROWN	TEDDY	18N; 33W; 28	TSN19177SOK	AR
TYSON FOODS	119	BROWN	TEDDY	18N; 33W; 28	TSN19177SOK	AR
TYSON FOODS	119	BROWN	TEDDY	18N; 33W; 28	TSN19177SOK	AR
TYSON FOODS	119	BROWN	TEDDY	18N; 33W; 28	TSN19177SOK	AR
TYSON FOODS	119	BROWN	TEDDY	18N; 33W; 28	TSN19177SOK	AR
TYSON FOODS	119	BROWN	TEDDY	18N; 33W; 28	TSN19177SOK	AR
TYSON FOODS	119	BROWN	TEDDY	18N; 33W; 28	TSN19177SOK	AR
TYSON FOODS	119	BROWN	TEDDY	18N; 33W; 28	TSN19177SOK	AR
TYSON FOODS	117	NOBLIN	JUDY	18N; 25E; 02	OKDA0014002	OK
TYSON FOODS	112	TEAGUE	ROGER	17N; 33W; 22	TSN59972SOK	AR
TYSON FOODS	111	BROWN	TEDDY	18N; 33W; 28	TSN19179SOK	AR
TYSON FOODS	108	AVEY	KENNY	18N; 31W; 31	TSN20614SOK	AR
TYSON FOODS	108	AVEY	KENNY	18N; 31W; 31	TSN20614SOK	AR
TYSON FOODS	108	PATTERSON	BOBBY	15N; 31W; 35	TSN18821SOK	AR
TYSON FOODS	108	PATTERSON	BOBBY	15N; 31W; 35	TSN18821SOK	AR
TYSON FOODS	108	WALLACE	LISA	14N; 31W; 08	TSN18664SOK	AR
TYSON FOODS	108	WALLACE	LISA	14N; 31W; 08	TSN18664SOK	AR
TYSON FOODS	106	KAUFFELD	NORMA	19N; 25E; 04	OKDA0007274	OK
TYSON FOODS	106	MOUA	THOMAS	16N; 34W; 12	TSN60681SOK	AR
TYSON FOODS	106	ROSS	EMMETT	15N; 26E; 11	OKDA0015814	OK
TYSON FOODS	105	PATTERSON	LONNIE	16N; 26E; 26	OKDA0014673	OK
TYSON FOODS	105	PATTERSON	LONNIE	16N; 26E; 26	OKDA0014673	OK
TYSON FOODS	104	PHIPPS	JERRY	18N; 24E; 10	OKDA0021159	OK
TYSON FOODS	102	REXROAT	VERA	19N; 25E; 26	OKDA0009487	OK
TYSON FOODS	98	PIANALTO	SCOTT	18N; 31W; 34	TSN18922SOK	AR
TYSON FOODS	97	CARLTON	DON	17N; 25E; 35	OKDA0021278	OK
TYSON FOODS	97	POSEY	DON	15N; 30W; 19	TSN18939SOK	AR
TYSON FOODS	96	WEST	RANDY	15N; 32W; 01	TSN19004SOK	AR
TYSON FOODS	95	KAUFFELD	NORMA	19N; 25E; 04	OKDA0007275	OK
TYSON FOODS	93	VAN GORP	DON	13N; 33W; 11	TSN18561SOK	AR
TYSON FOODS	92	CARLTON	DON	17N; 25E; 35	OKDA0021276	OK
TYSON FOODS	92	CARLTON	DON	17N; 25E; 35	OKDA0021276	OK
TYSON FOODS	91	ADAIR	SAM	18N; 24E; 14	OKDA0000077	OK
TYSON FOODS	91	ADAIR	SAM	18N; 24E; 14	OKDA0000077	OK
TYSON FOODS	89	BROWN	TEDDY	18N; 33W; 28	TSN19175SOK	AR
TYSON FOODS	86	BROWN	TEDDY	18N; 33W; 28	TSN19178SOK	AR
TYSON FOODS	85	LEE	WA	16N; 32W; 07	TSN61895SOK	AR
TYSON FOODS	85	MCGARRAH	LARRY	20N; 26E; 18	OKDA0010541	OK
TYSON FOODS	84	WEST	RANDY	15N; 31W; 06	TSN19005SOK	AR
TYSON FOODS	83	LEE	WA	16N; 32W; 07	TSN61894SOK	AR
TYSON FOODS	77	KNIGHT	HAROLD	14N; 24E; 18	OKDA0008088	OK
TYSON FOODS	76	BROWN	TEDDY	18N; 33W; 28	TSN19176SOK	AR
TYSON FOODS	76	ZACCANTI	AL	16N; 33W; 33	TSN19597SOK	AR

TYSON FOODS	75	BROWN	TEDDY	18N; 33W; 28	TSN19181SOK	AR
TYSON FOODS	73	TEAGUE	ROGER	17N; 33W; 22	TSN59975SOK	AR
TYSON FOODS	72	BROWN	TEDDY	18N; 33W; 28	TSN19182SOK	AR
TYSON FOODS	72	ZACCANTI	AL	16N; 33W; 33	TSN19598SOK	AR
TYSON FOODS	70	HAWES	RICK	16N; 33W; 19	TSN19132SOK	AR
TYSON FOODS	70	HAWES	RICK	16N; 33W; 19	TSN19132SOK	AR
TYSON FOODS	70	HAWES	RICK	16N; 33W; 19	TSN19132SOK	AR
TYSON FOODS	70	HAWES	RICK	16N; 33W; 19	TSN19132SOK	AR
TYSON FOODS	70	HAWES	RICK	16N; 33W; 19	TSN19132SOK	AR
TYSON FOODS	70	HAWES	RICK	16N; 33W; 19	TSN19132SOK	AR
TYSON FOODS	70	KAUFFELD	NORMA	19N; 25E; 04	OKDA0007272	OK
TYSON FOODS	69	NOBLIN	JUDY	18N; 25E; 02	OKDA0013963	OK
TYSON FOODS	69	NOBLIN	JUDY	18N; 25E; 02	OKDA0013963	OK
TYSON FOODS	61	BROWN	TEDDY	18N; 33W; 28	TSN19189SOK	AR
TYSON FOODS	57	TEAGUE	ROGER	17N; 33W; 22	TSN59974SOK	AR
TYSON FOODS	56	BROWN	TEDDY	18N; 33W; 28	TSN19185SOK	AR
TYSON FOODS	51	BROWN	TEDDY	18N; 33W; 28	TSN19184SOK	AR
TYSON FOODS	47	HAWES	RICK	16N; 33W; 19	TSN19132SOK	AR
TYSON FOODS	47	HAWES	RICK	16N; 33W; 18	TSN19132SOK	AR
TYSON FOODS	47	HAWES	RICK	16N; 33W; 17	TSN19132SOK	AR
TYSON FOODS	47	HAWES	RICK	16N; 33W; 17	TSN19132SOK	AR
TYSON FOODS	47	HAWES	RICK	16N; 33W; 17	TSN19132SOK	AR
TYSON FOODS	47	HAWES	RICK	16N; 33W; 17	TSN19132SOK	AR
TYSON FOODS	47	HAWES	RICK	16N; 33W; 17	TSN19132SOK	AR
TYSON FOODS	47	HAWES	RICK	16N; 33W; 17	TSN19132SOK	AR
TYSON FOODS	47	HAWES	RICK	16N; 33W; 17	TSN19132SOK	AR
TYSON FOODS	47	HAWES	RICK	16N; 33W; 17	TSN19132SOK	AR
TYSON FOODS	47	HAWES	RICK	16N; 33W; 17	TSN19132SOK	AR
TYSON FOODS	47	HAWES	RICK	16N; 33W; 19	TSN19132SOK	AR
TYSON FOODS	47	HAWES	RICK	16N; 33W; 18	TSN19132SOK	AR
TYSON FOODS	47	HAWES	RICK	16N; 33W; 17	TSN19132SOK	AR
TYSON FOODS	44	TEAGUE	ROGER	17N; 33W; 22	TSN59973SOK	AR
<b>WILLOW BROOK FOODS</b>	<b>407</b>	<b>GEASLAND</b>	<b>DAVID</b>	<b>17N; 23E; 15</b>	<b>OKDA0004326</b>	<b>OK</b>
WILLOW BROOK FOODS	297	GEASLAND	DAVID	17N; 23E; 15	OKDA0004325	OK
WILLOW BROOK FOODS	212	GEASLAND	DAVID	17N; 23E; 15	OKDA0004324	OK
WILLOW BROOK FOODS	204	GEASLAND	DAVID	17N; 23E; 15	OKDA0004335	OK
WILLOW BROOK FOODS	194	GEASLAND	BOB	17N; 23E; 15	OKDA0004307	OK
WILLOW BROOK FOODS	176	GEASLAND	DAVID	17N; 23E; 15	OKDA0004323	OK
WILLOW BROOK FOODS	163	BARDELL	SAM	17N; 23E; 28	OKDA0004320	OK
WILLOW BROOK FOODS	162	GEASLAND	BOB	17N; 23E; 15	OKDA0004309	OK
WILLOW BROOK FOODS	144	GEASLAND	DAVID	17N; 23E; 15	OKDA0004336	OK
WILLOW BROOK FOODS	80	HUTCHINS	RANDALL	19N; 22E; 36	OKDA0006595	OK

Value	Highest Value
Value	STP > 120
Value	STP 65-120
Value	STP < 65

ID	Latitude	Longitude	Bates	Date	Type	Related Bates	Responsible Integrator (or Farm Name)	Corresponding Coordinates
1	36.25638	-94.51084	OK-PL-0004944	04-May-05	Spread	OK-PL-0004944	Peterson	N36.30766 W94.50220
2	36.25444	-94.50724	OK-PL-0004944	04-May-05	Spread	OK-PL-0004944	Peterson	N36.30766 W94.50220
3	36.25366	-94.50794	OK-PL-0004945	04-May-05	Spread	OK-PL-0004944	Peterson	N36.30766 W94.50220
5	36.06300	-94.68492	OK-PL-0004959	04-May-05	Spread	OK-PL-0004957; OK-PL-0004958	Tyson	N36.07062 W94.68619; N36.07062 W94.68619
6	36.01572	-94.33511	OK-PL-0004961	04-May-05	Spread	OK-PL-0004962; OK-PL-0004963	Tyson	N36.00796 W94.39257
7	36.06194	-94.68648	OK-PL-0005234	04-May-05	Spread	OK-PL-0005232	Tyson?	N36.07827 W94.69820
9	36.25639	-	OK-PL-0004948	05-May-05	Spread	OK-PL-0004948	Peterson	N36.30408 W94.50407
10	36.25530	-94.50742	OK-PL-0004949	05-May-05	Spread	OK-PL-0004949	Peterson (?)	N36.25693 W94.50750
11	36.23428	-94.22315	OK-PL-0004967	05-May-05	Spread	OK-PL-0004968; OK-PL-0004969	Simmons	N36.20325 W94.19202
15	35.80751	-94.29941	OK-PL-0004955	19-May-05	Spread	OK-PL-0004955	Tyson	N36.00152 W94.30848
16	36.06665	-94.53403	OK-PL-0004972	19-May-05	Spread	OK-PL-0004973; OK-PL-0004974	Tyson	N36.05441 W94.50996; N36.06256 W94.52585
17	36.06256	-94.52585	OK-PL-0004973	19-May-05	Spread	OK-PL-0004972; OK-PL-0004974	Tyson	N36.05441 W94.50996; N36.06665 W94.53403
21	26.22303	-94.56670	OK-PL-0005080	15-Sep-05	Spread		Simmons (?)	
22	36.24587	-94.33239	OK-PL-0005088	25-Oct-05	Spread		Georges	
23	35.89787	-94.48464	OK-PL-0005242	11-Jan-06	Spread/Source	OK-PL-0005243; OK-PL-0005244; OK-PL-0005248; OK-PL-0005250; OK-PL-0005251; OK-PL-0005252; OK-PL-0005253	Simmons	N35.90666 W94.48589; N35.90168 W94.48409; N35.90674 W94.48596; N35.90630 W94.48556; N35.89408 W94.48478
24	35.90666	-94.48589	OK-PL-0005243	11-Jan-06	Spread	OK-PL-0005242; OK-PL-0005244	Simmons	N35.89787 W94.48464; N35.90168 W94.48409
25	35.90168	-94.48409	OK-PL-0005244	11-Jan-06	Spread	OK-PL-0005242; OK-PL-0005243	Simmons	N35.89787 W94.48464; N35.90666 W94.48589
26	35.89059	-94.48461	OK-PL-0005044	12-Jan-06	Spread		Simmons	

27	35.90674	-94.48596	OK-PL-0005250	12-Jan-06	Spread	OK-PL-0005251; OK-PL-0005252; OK-PL-0005242; OK-PL-0005253	Simmons	N35.89787 W94.48464
28	35.90630	-94.48556	OK-PL-0005251	12-Jan-06	Spread	OK-PL-0005250; OK-PL-0005252; OK-PL-0005242	Simmons	N35.89787 W94.48464
29	35.89408	-94.48478	OK-PL-0005252	12-Jan-06	Spread	OK-PL-0005250; OK-PL-0005251; OK-PL-0005242	Simmons	N35.89787 W94.48464
30	35.90674	-94.48596	OK-PL-0005253	12-Jan-06	Spread	OK-PL-0005251; OK-PL-0005252; OK-PL-0005242; OK-PL-0005253	Simmons	
32	35.97926	-94.33971	OK-PL-0004749	15-Mar-06	Spread	OK-PL-0004751	Tyson	N35.97960 W94.35095
38	36.17724	-94.27748	OK-PL-0005339	15-Mar-06	Spread	OK-PL-0005338	Georges	N36.17638 W94.29917
41	36.05354	-94.63743	OK-PL-0005439	15-Mar-06	Spread	OK-PL-0005440	Tyson	N36.06033 W94.61076
42	36.17834	-94.34458	OK-PL-0005442	15-Mar-06	Spread		Georges	
43	36.04464	-94.36417	OK-PL-0004756	16-Mar-06	Spread	OK-PL-0004758		N36.04498 W94.37292
44	36.04448	-94.35820	OK-PL-0004759	16-Mar-06	Spread	OK-PL-0004758		N36.04498 W94.37292
45	36.13202	-94.35887	OK-PL-0004764	16-Mar-06	Spread	OK-PL-0004762	Couch Farm	N36.14090 W94.35756
49	36.17551	-94.29919	OK-PL-0005443	16-Mar-06	Spread		Georges	
50	36.16933	-94.25951	OK-PL-0005445	16-Mar-06	Spread		Georges	
51	36.28944	-94.49738	OK-PL-0005447	16-Mar-06	Spread	OK-PL-0005448	Georges	N36.20939 W94.47932
53	36.03128	-94.62041	OK-PL-0004766	29-Mar-06	Spread	OK-PL-0004767	Tyson	N36.03128 W94.62041
54	35.95671	-94.54787	OK-PL-0004773	29-Mar-06	Spread	OK-PL-0004774	Tyson	N35.96614 W94.54640
55	36.04580	-94.64738	OK-PL-0005350	29-Mar-06	Probable Spread/Probable Source	OK-PL-0005350	Tyson	N36.04580 W94.64738
56	36.99859	-94.65520	OK-PL-0005352	29-Mar-06	Probable Spread/Probable Source	OK-PL-0005352	Tyson	N36.99859 W94.65520
57	35.91584	-94.59697	OK-PL-0005353	29-Mar-06	Probable Spread/Probable Source	OK-PL-0005353	Tyson	N35.91584 W94.59697
58	35.87010	-94.53019	OK-PL-0005354	29-Mar-06	Spread	OK-PL-0005355	Tyson	N35.86779 W94.52397
60	35.95726	-94.54230	OK-PL-0005358	29-Mar-06	Spread	OK-PL-0005357	Tyson	N35.96617 W94.54664
63	36.06048	-94.57479	OK-PL-0004783	05-Apr-06	Spread	OK-PL-0004784	Simmons	N36.07150 W94.53379
65	36.06063	-94.57473	OK-PL-0005364	06-Apr-06	Spread	OK-PL-0005365; OK-PL-0005366; OK-PL-0005368	Simmons	N36.07280 W94.53376; N36.05425 W94.54800; N36.06046 W94.57523

66	36.05425	-94.54800	OK-PL-0005365	06-Apr-06	Spread	OK-PL-0005364; OK-PL-0005366	Simmons	N36.07280 W94.53376; N36.06063 W94.57473
67	36.06046	-94.57523	OK-PL-0005368	07-Apr-06	Spread	OK-PL-0005364	Simmons (?)	N36.06063 W94.57473
70	36.28279	-94.52036	OK-PL-0004427	12-Apr-06	Spread		Georges	N36.20626 W94.47791
73	36.06684	-94.53395	OK-PL-0004793	12-Apr-06	Spread	OK-PL-0004793	Simmons	N36.07248 W94.53378
75	36.28279	-94.52036	OK-PL-0005378	12-Apr-06	Spread		Georges	N36.20626 W94.47791
80	36.28418	-94.50694	OK-PL-0005462	12-Apr-06	Spread	OK-PL-0005461	Georges	N36.20383 W94.47798
83	35.97851	-94.49552	OK-PL-0005375	13-Apr-06	Spread/Probable Source		Tyson	
85	36.20140	-94.52285	OK-PL-0005566	14-Apr-06	Spread	OK-PL-0005567	Georges	N36.20651 W94.47774
86	35.97952	-94.35350	OK-PL-0004808	19-Apr-06	Spread	OK-PL-0004808	Tyson	N35.97921 W94.33966
87	36.10370	-94.68957	OK-PL-0005385	19-Apr-06	Probable Spread	OK-PL-0005386	Simmons (?)	N36.10370 W94.68957
91	36.04495	-94.65525	OK-PL-0005386	20-Apr-06	Probable Spread	OK-PL-0005385	Simmons (?)	N36.04495 W94.65525; N36.03594 W94.65520
93	35.98780	-94.56059	OK-PL-0004824	26-Apr-06	Spread	OK-PL-0004827	Simmons	N35.99481 W94.53346
94	35.98428	-94.52337	OK-PL-0004825	26-Apr-06	Spread	OK-PL-0004827	Simmons	N35.99481 W94.53346
95	35.98782	-94.55520	OK-PL-0004826	26-Apr-06	Spread	OK-PL-0004827	Simmons	N35.99481 W94.53346
96	35.97928	-94.51354	OK-PL-0004828	26-Apr-06	Spread	OK-PL-0004827	Simmons	N35.99481 W94.53346
97	35.97934	-94.53069	OK-PL-0004829	26-Apr-06	Spread	OK-PL-0004827	Simmons	N35.99481 W94.53346
98	36.06176	-94.52416	OK-PL-0004831	26-Apr-06	Spread	OK-PL-0004831	Tyson	N36.06176 W94.52416
99	35.99050	-94.56172	OK-PL-0004833	26-Apr-06	Spread	OK-PL-0004827	Simmons	N35.99481 W94.53346
100	36.10321	-94.43584	OK-PL-0005391	26-Apr-06	Spread	OK-PL-0005390	Tyson	N36.09959 W94.42281
101	36.09134	-94.42232	OK-PL-0005392	26-Apr-06	Spread/Source	OK-PL-0005392	Tyson	N36.09134 W94.42232
105	36.27877	-94.50721	OK-PL-0005395	28-Apr-06	Spread	OK-PL-0005396	Tyson	N36.28637 W94.50677
107	36.02485	-94.46283	OK-PL-0005400	03-May-06	Spread	OK-PL-0005401	Tyson	N36.00328 W94.44749
108	35.94285	-94.31959	OK-PL-0005404	03-May-06	Spread	OK-PL-0005403	Simmons	
109	35.85913	-94.43698	OK-PL-0005406	03-May-06	Spread	OK-PL-0005405	Simmons	N35.84766 W94.43408
110	36.06529	-94.68429	OK-PL-0005551	05-May-06	Spread	OK-PL-0005550	Tyson	N36.06138 W94.65960
111	36.06529	-94.68429	OK-PL-0005552A	08-May-06	Spread	OK-PL-0005550	Tyson	N36.06138 W94.65960
112	36.05940	-94.70271	OK-PL-0005554	08-May-06	Spread/Source	OK-PL-0005554	Cobb-Vantress	N36.05940 W94.70271
115	36.07367	-94.53372	OK-PL-0004854	12-May-06	Spread	OK-PL-0004853	Tyson	N36.06284 W94.53226
116	36.05457	-94.53876	OK-PL-0004855	12-May-06	Spread	OK-PL-0004853	Tyson	N36.06284 W94.53226
118	36.05559	-94.54803	OK-PL-0005389	12-May-06	Spread			
119	36.05559	-94.54803	OK-PL-0005408	12-May-06	Spread	OK-PL-0005409	Sunny Days Farm	N36.06256 W94.53094
120	35.87198	-94.43303	OK-PL-0005411	12-May-06	Spread	OK-PL-0005410	Simmons	N35.83994 W94.43062

121	35.98782	-94.55024	OK-PL-0005412	12-May-06	Spread	OK-PL-0005408	Sunny Days Farm	N36.06256 W94.53094
122	36.05714	-94.53872	OK-PL-0005561	12-May-06	Spread	OK-PL-0005560	Tyson	N36.06283 W94.53235
123	35.98123	-94.51739	OK-PL-0005661	18-May-06	Spread	OK-PL-0005666	Cargill	N35.99638 W94.49120
124	35.97079	-94.48940	OK-PL-0005664	18-May-06	Spread	OK-PL-0005663	Tyson	N35.96617 W94.53162
126	36.97079	-94.48940	OK-PL-0005664	18-May-06	Spread	OK-PL-0005663	Tyson	N36.96617 W94.53162
130	36.04892	-94.39218	OK-PL-0005676	25-May-06	Spread	OK-PL-0005677	Tyson	N36.01904 W94.39310
131	36.02462	-94.39277	OK-PL-0005681	25-May-06	Spread	OK-PL-0005677	Tyson	N36.01904 W94.39310
132	36.01292	-94.39757	OK-PL-0005421	01-Jun-06	Spread	OK-PL-0005420	Tyson	N36.00860 W94.39262
133	35.86010	-94.43676	OK-PL-0005423	01-Jun-06	Spread	OK-PL-0005424	Simmons	N35.84774 W94.43493
136	36.07596	-94.44385	OK-PL-0005691	01-Jun-06	Spread	OK-PL-0005689	Simmons	N36.08632 W94.44262
137	35.86487	-94.44324	OK-PL-0005692	01-Jun-06	Spread	OK-PL-0005694	Simmons	N35.84763 W94.43436
142	36.21174	-94.48662	OK-PL-0005703	08-Jun-06	Spread/Source		Tyson (?)	
143	36.06721	-94.44394	OK-PL-0005709	08-Jun-06	Spread	OK-PL-0005707	Simmons	N36.08632 W94.44262
146	36.20095	-94.52282	OK-PL-0005568	14-Jun-06	Spread	OK-PL-0005567	Georges	
148	36.20075	-94.52303	OK-PL-0005722	15-Jun-06	Spread		Georges	
149	36.03867	-94.48627	OK-PL-0005794	22-Jun-06	Spread	OK-PL-0005727	Tyson (Cobb)	N35.97855 W94.49419
153	35.87226	-94.44658	OK-PL-0005747	29-Jun-06	Spread	OK-PL-0005745	Tyson	N35.87436 W94.46654
154	35.87906	-94.47143	OK-PL-0005749	29-Jun-06	Spread	OK-PL-0005745	Tyson	N35.87226 W94.44658
155	35.87617	-94.46803	OK-PL-0005750	29-Jun-06	Spread	OK-PL-0005745	Tyson	N35.87226 W94.44658
157	35.97873	-94.50898	PI-Fisher00025528	18-Apr-07	Spread	PI-Fisher00025527	Tyson	N36.96946 W94.52893
159	35.98359	-94.53149	PI-Fisher00025530	18-Apr-07	Spread	PI-Fisher00025527	Tyson	N36.96946 W94.52893
161	35.98540	-94.52560	PI-Fisher00025508	18-Apr-07	Spread	PI-Fisher00025509	Tyson	N35.96006 W94.47015
162	35.95698	-94.54687	PI-Fisher00025510	18-Apr-07	Spread	PI-Fisher00025511	Tyson	N35.96809 W94.52858
163	35.97869	-94.50964	PI-Fisher00025512	18-Apr-07	Spread	PI-Fisher00025511	Tyson	N35.96809 W94.52858
167	36.05227	-94.53425	PI-Fisher00025517	19-Apr-07	Spread	PI-Fisher00025509	Tyson	N35.98540 W94.52560
170	35.98552	-94.52592	PI-Fisher00025522	19-Apr-07	Spread		Tyson	
171	35.97484	-94.44667	PI-Fisher00025524	19-Apr-07	Spread/Source		Tyson	
174	35.98395	-94.52274	PI-Fisher00025537	19-Apr-07	Spread	PI-Fisher00025539	Tyson	N35.96005 W94.46996
180	36.12318	-94.35085	PI-Fisher00025475	26-Apr-07	Spread	PI-Fisher00025476	Tyson	N36.17322 W94.36272
184	36.20269	-94.47798	PI-Fisher00025492	26-Apr-07	Spread	PI-Fisher00025491	Georges	N36.16974 W94.26150
185	35.98014	-94.40043	PI-Fisher00025484	27-Apr-07	Spread	PI-Fisher00025489	Simmons	N35.99419 W94.40620

186	36.13109	-94.45417	PI-Fisher00025485	27-Apr-07	Spread		Georges	
187	36.12574	-94.45417	PI-Fisher00025487	27-Apr-07	Spread		Georges	
188	36.05518	-94.39197	PI-Fisher00025488	27-Apr-07	Spread	PI-Fisher00025489	Simmons	N35.99419 W94.40620
189	36.05726	-94.39191	PI-Fisher00025544	27-Apr-07	Spread		Gary Proctor	
192	36.03615	-94.29471	PI-Fisher00025498	16-May-07	Spread	PI-Fisher00025500	Tyson	N35.99409 W94.36227
195	36.27862	-94.50254	PI-Fisher00025502	16-May-07	Spread	PI-Fisher00025504	Georges	N36.20653 W94.47790
196	36.28189	-94.50697	PI-Fisher00025503	16-May-07	Spread	PI-Fisher00025504	Georges	N36.20653 W94.47790
197	36.20271	94.48698	OK-PL-0012714	11-Apr-07	Spread	OK-PL-0012715	Peterson	

EOF Location	Relevant Bates Numbers	Waste Source Integrator	Spread Location Coordinates	Spreading Observation Date	EOF Collection Date	Total P (6020) (mg/L)	Total Dissolved P (6020) (mg/L)	Total P (6010) (mg/L)	Total Dissolved P (6010) (mg/L)	Soluble Reactive P (4500PF) mg/L	Total Zinc (mg/L)	Dissolved Zinc (mg/L)	Total Copper (mg/L)	Dissolved Copper (mg/L)	Total Arsenic (mg/L)	Dissolved Arsenic (mg/L)	E-coli mpn/100 ml	Total Coliform mpn/100 ml	Fecal Coliform mpn/100 ml	Enterococcus Group mpn/100 ml
EOF07-230	OK-PL-0012714; OK-PL-0012715	Peterson	N36.20271 W94.48698	4/11/07	4/24/2007	1.19	1.04			1.11	0.027	0.025	0.014	0.026	0.004	0.003	12,000	12,000	12,000	12,000
EOF23	OK-PL-0005694; OK-PL-0005692	Simmons	N35.86487 W94.44324	6/1/06	6/5/2006			0.44	0.122		0.016	0.015	ND(0.005)	0.008	0.01	ND(0.01)	2,200	50,000	2,200	35,000
EOF-SPREAD053B	OK-PL-0004827; OK-PL-0004824; OK-PL-0004825; OK-PL-0004826; OK-PL-0004828; OK-PL-0004829; OK-PL-0004833	Simmons	N35.98780 W94.56059	4/26/06	5/4/2006	2.38	2.13			2.27	0.015	0.029	0.021	0.018	0.003	0.002	220	8,100	220	1,400
EOF-SPREAD053E	OK-PL-0004827; OK-PL-0004824; OK-PL-0004825; OK-PL-0004826; OK-PL-0004828; OK-PL-0004829; OK-PL-0004833	Simmons	N35.99050 W94.56172	4/26/06	4/29/2006	23.6	21.6			18.4	0.13	0.091	0.385	0.309	0.039	0.04	18,000	20,000	20,000	270,000
EOF24	OK-PL-0005745; OK-PL-0005750	Tyson	N35.87226 W94.44658	6/29/06	6/5/2005			1.08	0.399		0.035	0.013	0.013	0.009	0.01	ND(0.01)	1,700	50,000	1,700	2,200
EOF25	OK-PL-0005745; OK-PL-0005750	Tyson	N35.87226 W94.44658	6/29/06	6/5/2005			0.88	0.904		ND(0.01)	0.011	ND(0.005)	0.009	0.01	ND(0.01)	8,000	17,000	8,000	5,000
EOF-SPREAD010	OK-PL-0004762; OK-PL-0004764	Tyson	N36.13202 W94.35887	3/29/06	5/9/2006	7.82	6.71			7.03	0.043	0.027	0.197	0.196	0.073	0.075	180,000	1,200,000	180,000	540,000
EOF-SPREAD017A	OK-PL-0005440; OK-PL-0005439	Tyson	N36.05354 W94.63743	3/15/06	5/1/2006	5.38	5.42			5.73	0.084	0.033	0.032	0.023	0.005	0.003	760,000	1,200,000	760,000	1,200,000
EOF-SPREAD023	OK-PL-0005350	Tyson	N36.04580 W94.64738	3/29/06	4/25/2006	16.4	14.7			12	0.105	0.066	0.745	0.634	0.016	0.014	400,000	760,000	400,000	180,000
EOF-SPREAD023	OK-PL-0005350	Tyson	N36.04580 W94.64738	3/29/06	6/18/2006	11.2	10.6			10.3	ND(0.05)	ND(0.05)	0.405	0.383	0.021	0.019	81,000	760,000	180,000	14,000
EOF-SPREAD026	OK-PL-0005357; OK-PL-0005358	Tyson	N35.95726 W94.54230	3/29/06	4/25/2006	1.51	0.456			0.463	0.064	0.006	0.025	0.004	0.006	0.001	240	240	240	460
EOF-SPREAD026	OK-PL-0005357; OK-PL-0005358	Tyson	N35.95726 W94.54230	3/29/06	4/29/2006	0.905	0.385			0.401	0.036	ND(0.005)	0.015	0.003	0.004	ND(0.001)	200	2,400	460	460
EOF-SPREAD073B	OK-PL-0004853; OK-PL-0004854; OK-PL-0004855	Tyson	N36.05457 W94.53876	5/12/06	6/18/2006	134	145			60	3.35	4.16	4.36	5.08	0.698	72.6	1,200,000	1,200,000	1,200,000	1,200,000
EOF-SPREAD073E	OK-PL-0004853; OK-PL-0004854; OK-PL-0004855	Tyson	N36.06665 W94.53403	5/19/05	6/22/2006	0.251	0.225			0.139	0.016	0.014	0.005	0.006	0.002	0.001				
EOF-SPREAD044	OK-PL-0005727; OK-PL-0005794	Tyson(Cobb)	N35.97855 W94.49419	6/22/06	6/18/2006	0.087	0.056			0.102	0.005	0.007	0.002	0.001	0.001	ND(0.001)	140	200	140	240

